

IN THE CLAIMS:

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Amended claims follow:

1. (Cancelled)
2. (Currently Amended) A computer program product as claimed in claim 14, wherein said sequence of predefined actions is user defined.
3. (Currently Amended) A computer program product as claimed in claim 14, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.
4. (Currently Amended) A computer program product as claimed in claim 1, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
  - (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
  - (ii) outbreak detection code operable to detect said outbreak; and
  - (iii) sequence following code operable to follow said sequence of predefined actions;  
wherein said sequence of predefined actions varies in dependence upon time of day.
5. (Currently Amended) A computer program product as claimed in claim 1, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:
  - (i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
  - (ii) outbreak detection code operable to detect said outbreak; and
  - (iii) sequence following code operable to follow said sequence of predefined actions;  
wherein said sequence of predefined actions varies in dependence upon day of week.

6. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is reducing virus detection notifications.

7. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is switching from virus quarantining to virus deletion when a computer virus is detected.

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8. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.

9. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.

10. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

11. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

12. (Currently Amended) A computer program product as claimed in claim 14, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.

13. (Cancelled)

14. (Currently Amended) ~~A computer program product as claimed in claim 13, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:~~

(i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;  
(ii) outbreak detection code operable to detect said outbreak; and  
(iii) sequence following code operable to follow said sequence of predefined actions;  
          wherein one of said predefined actions is blocking e-mail attachments;  
          wherein said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

15. (Currently Amended) A computer program product as claimed in claim 1, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

(i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;  
(ii) outbreak detection code operable to detect said outbreak; and  
(iii) sequence following code operable to follow said sequence of predefined actions;  
          wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

16. (Currently Amended) A computer program product as claimed in claim 1, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

(i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;  
(ii) outbreak detection code operable to detect said outbreak; and  
(iii) sequence following code operable to follow said sequence of predefined actions;  
          wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

17. (Currently Amended) A computer program product as claimed in claim 1, A computer program product for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

(i) sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;  
(ii) outbreak detection code operable to detect said outbreak; and  
(iii) sequence following code operable to follow said sequence of predefined actions;  
wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.

18. (Cancelled)

19. (Currently Amended) A method as claimed in claim 18, wherein said sequence of predefined actions is user defined.

20. (Currently Amended) A method as claimed in claim 18, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.

21. (Currently Amended) A method as claimed in claim 18, ~~A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:~~

(i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;  
(ii) detecting said outbreak; and  
(iii) following said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon time of day.

22. (Currently Amended) A method as claimed in claim 18, ~~A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:~~

(i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;  
(ii) detecting said outbreak; and  
(iii) following said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon day of week.

23. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is reducing virus detection notifications.

24. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is switching from virus quarantining to virus deletion when a computer virus is detected.

25. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.

26. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.

27. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

28. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

29. (Currently Amended) A method as claimed in claim 1821, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.

30. (Cancelled)

31. (Currently Amended) A method as claimed in claim 30, A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;

wherein one of said predefined actions is blocking e-mail attachments;

wherein said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

32. (Currently Amended) ~~A method as claimed in claim 18, A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:~~

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;

wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

33. (Currently Amended) ~~A method as claimed in claim 18, A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:~~

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;

wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

34. (Currently Amended) ~~A method as claimed in claim 18, A method of responding to detection of an outbreak of a computer virus on a computer apparatus, said method comprising:~~

- (i) defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;
- (ii) detecting said outbreak; and
- (iii) following said sequence of predefined actions;

wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.

35. (Cancelled)

36. (Currently Amended) A computer program product as claimed in claim 358, wherein said sequence of predefined actions is user defined.

37. (Currently Amended) A computer program product as claimed in claim 358, wherein one or more of said predefined actions is performed after receipt of a user input confirming said predefined action.

38. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon time of day.

39. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein said sequence of predefined actions varies in dependence upon day of week.

40. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is reducing virus detection notifications.

41. (Currently Amended) A computer program product as claimed in claim 358, wherein one of

said predefined actions is switching from virus quarantining to virus deletion when computer virus is detected.

42. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is increasing scan options that control how thoroughly said computer system is scanned to detect a computer virus.

43. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is sending a copy of said detected computer virus to a remote site for analysis.

44. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

45. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is downloading a latest virus definition file from a remote site.

46. (Currently Amended) A computer program product as claimed in claim 358, wherein one of said predefined actions is performing a complete virus scan of all computer files stored in at least a portion of said computer apparatus.

47. (Cancelled)

478. (Currently Amended) A computer program product as claimed in claim 46, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein one of said predefined actions is blocking e-mail attachments;

wherein a said predefined action of blocking e-mail attachments blocks identical attachments appearing in excess of a threshold level.

49. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

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wherein one of said predefined actions is rendering non-accessible e-mail distribution lists and e-mail address books of e-mail clients coupled to said computer apparatus.

50. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

wherein one of said predefined actions is restarting in administrator mode an e-mail post office coupled to said computer apparatus.

51. (Currently Amended) A computer program product as claimed in claim 35, Apparatus for responding to detection of an outbreak of a computer virus on a computer apparatus, said computer program product comprising:

sequence data storage storing sequence data defining a sequence containing a plurality of predefined actions to be followed upon detection of said outbreak;

outbreak detection logic operable to detect said outbreak; and

sequence following logic operable to follow said sequence of predefined actions;

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wherein one of said predefined actions is closing down an e-mail post office coupled to said computer apparatus.

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